

Johns Hopkins University

Department of Biology Seminar Series

Thursdays, 4:00pm

For more information go to: <https://bio.jhu.edu/events>

Zoom link: <https://zoom.us/j/97925356454?pwd=6jNuTlY1dU9BcXcrRFdleis2TVNadz09>

April 27th, 2023 - Mudd 100



Liqun Lio

HHMI Investigator

Dept. of Biology

Stanford University

Host: Xin Chen

"Neurobiology of Drives and Their Competition"

Because of the utmost importance of water and food, animals exhibit strong innate behaviors to search for and consume water or food when they are thirsty or hungry. These innate drives, or motives for action to maintain homeostasis, are also powerful means for acquiring learning skills and behaviors. In this talk, I will summarize our recent work linking thirst to motivated behavior and investigating neural dynamics underlying thirst motivation. I will further discuss how animals resolve competing needs, such as thirst and hunger, across time.